| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 | ATTORNEYS DOCKET NO. 5426JS-5 |
| | U.S. APPLICATION NO. (If known, see 35 CFR 1.5) 10/576,682 |

| INTERNATIONAL APPLICATION NO. PCT/JP2004/007393 | INTERNATIONAL FILING DATE 28 May 2004 | PRIORITY DATE CLAIMED 24 October 2003 |

TITLE OF INVENTION
 METHOD FOR PRODUCING ASYMMETRIC ALKYL COMPOUND USING ALKALI-TREATED SOLID SUPPORT, AND ALKALI-TREATED SOLID SUPPORT USED IN THIS METHOD

APPLICANT(S) FOR DO/EO/US
 Hideko KOSHIMA and Haitao YU

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☐ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.

2. ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.

3. ☐ This express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.

4. ☐ The US has been elected (Article 31).

5. ☐ A copy of the International Application as filed (35 U.S.C. 371(c)(2))

   a. ☐ is attached hereto (required only if not communicated by the International Bureau).

   b. ☐ has been communicated by the International Bureau

   c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).

6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).

   a. ☐ is attached hereto.

   b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).

7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).

   a. ☐ are attached hereto (required only if not communicated by the International Bureau).

   b. ☐ have been communicated by the International Bureau.

   c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.

   d. ☐ have not been made and will not be made.

8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).

9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).

10. ☐ A English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 10 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.

12. ☐ A preliminary amendment.

13. ☐ An Application Data Sheet under 37 CFR 1.76.

14. ☐ A substitute specification.

15. ☒ A power of attorney and/or change of address letter.

16. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.

17. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).

18. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 1.54(d)(4).

19. ☒ Other items or information: Copy of Notification

filed electronically

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)	INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NUMBER
10/576,682	PCT/JP2004/007393	5426JS-5

21. The following fees are submitted:		Applicant use	Office use only
☐ a) Basic national fee $300.00		$	
☐ b) Examination fee $200.00		$	
☐ c) Search fee $500.00		$	
TOTAL OF ABOVE CALCULATIONS = **$1,000.00**		$	

☐	Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is **$250.00** for each additional 50 sheets of paper or fraction thereof.				

Total Sheets		Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	
	-100 =	/50 =		x **$250.00**	$

Surcharge of **$130.00** for funishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e))			$ 130.00	

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total claims	- 20 =		x **$50.00**	$
Independent claims	- 3 =		x **$200.00**	$
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ **$360.00**	$
TOTAL OF ABOVE CALCULATIONS =				$

☐	Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.	$	
	SUBTOTAL =	$	

Processing fee of **$130.00** for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). +	$	
TOTAL NATIONAL FEE =	$	

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) **$40.00** per property +	$	
TOTAL FEES ENCLOSED =	$ 130.00	
Amount to be refunded:		$
Amount to be charged:		$

a. ☐ A check in the amount of $_____ to cover the above fees is enclosed.

b. ☒ Please charge my Deposit Account No. ___19-1970___ in the amount of $_130.00___ to cover the above fees. A duplicate copy of this sheet is enclosed.
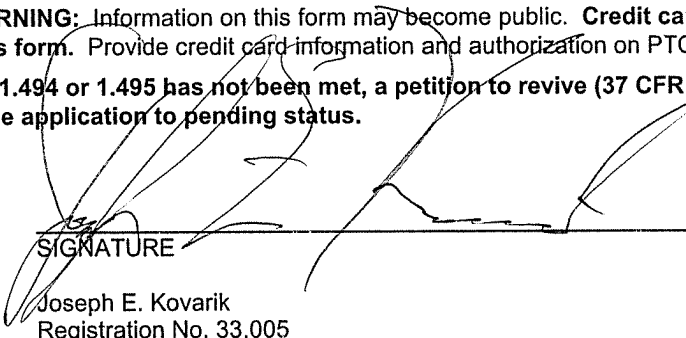
c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-1970. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

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Denver, Colorado 80202-5141
Telephone: (303) 863-9700
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SIGNATURE

Joseph E. Kovarik
Registration No. 33,005

CUSTOMER NO. 22442

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

U.S. APPLICATION NUMBER NO	FIRST NAMED APPLICANT	ATTY. DOCKET NO
10/576,682	Hideko Koshima	5426JS5

RECEIVED
JAN 1 2 2007
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INTERNATIONAL APPLICATION NO.
PCT/JP04/07393

I.A. FILING DATE	PRIORITY DATE
05/28/2004	10/24/2003

CONFIRMATION NO. 7256
371 FORMALITIES LETTER

OC000000021878234

Date Mailed: 01/08/2007

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 04/21/2006
- English Translation of the IA filed on 04/21/2006
- Copy of the International Search Report filed on 04/21/2006
- Preliminary Amendments filed on 04/21/2006
- Information Disclosure Statements filed on 04/21/2006
- Request for Immediate Examination filed on 04/21/2006
- U.S. Basic National Fees filed on 04/21/2006
- Priority Documents filed on 04/21/2006
- Specification filed on 04/21/2006
- Claims filed on 04/21/2006

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of $130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is **$130** for a Large Entity:

- **$130** Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.
https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html

For more information about EFS-Web please call the USPTO Electronic Business Center at **1-866-217-9197** or visit our website at http://www.uspto.gov/ebc.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

KAYA L LEWIS BALTIMORE

Telephone: (703) 308-9140 EXT 202

PART 1 - ATTORNEY/APPLICANT COPY

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FORM PCT/DO/EO/905 (371 Formalities Notice)